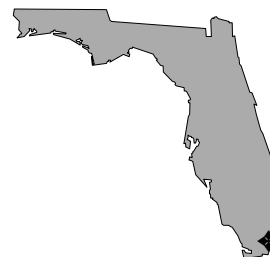


**Size:** 2,940 acres  
**Mission:** Housed the Strategic Air Command 19th and 379th Bomb Wings  
**HRS Score:** 42.40; placed on NPL in August 1990  
**IAG Status:** Federal Facility Agreement signed in March 1991  
**Contaminants:** Heavy metals, VOCs, cyanide, pesticides, solvents, and PCBs  
**Media Affected:** Groundwater and soil  
**Funding to Date:** \$22.6 million  
**Estimated Cost to Completion (Completion Year):** \$5.8 million (FY2008)  
**Final Remedy in Place or Response Complete Date for BRAC Sites:** FY2000  
**Final Remedy in Place or Response Complete Date for Non-BRAC Sites:** FY2001



*Homestead, Florida*

## Restoration Background

In July 1993, the BRAC Commission recommended that Homestead Air Force Base be realigned. The 31st Fighter Wing was inactivated, and all other operations except Air Force Reserve activities were relocated.

Homestead is a joint-use base which uses both BRAC and Environmental Restoration Account funds to reach cleanup goals. For a basewide project, such as an Environmental Impact Statement, the costs are evenly divided. Additional projects that are within defined boundaries are paid from the account affected.

In FY86, a Preliminary Assessment and Site Inspection identified 26 sites in three major areas of concern: the fire training area, the residual pesticide disposal area, and the electroplating waste disposal area. Sites include the JP-4 jet fuel leak area, a landfill, a polychlorinated biphenyl (PCB) spill area, underground storage tanks (USTs), aboveground storage tanks (ASTs), and oil-water separators. Remedial Investigation and Feasibility Study (RI/FS) activities began in FY87. Additional field investigations were conducted in FY92 and FY93. Interim Actions have included removal of USTs and contaminated soil, groundwater extraction and treatment, and removal of oil-water separators.

After experiencing hurricane damage in 1992, the installation conducted an Environmental Baseline Survey (EBS), which was completed in FY94. The EBS revealed more than 540 potentially contaminated sites. By FY95, 400 sites had been closed. In addition, over 1,000 acres were proposed as CERFA-clean. Approximately 2,052 acres are available for transfer, including the Airport Parcel. By the end of FY95, the installation had completed removal and disposal of 240 USTs, 99 ASTs, and 142,000 cubic yards of petroleum-contaminated soil. A Removal Action for soil contaminated with lead

at the fire training area in OU8 also was completed.

From FY95 through FY96, the installation conducted Interim Remedial Actions using hot-spot removal methodologies, voluntary maintenance, and housekeeping actions at 13 sites. In FY96, the remaining sites identified in the EBS were consolidated into 30 operable units (OUs) and 5 major fuel areas. Significant progress was made in remediating the 15 remaining sites where petroleum contamination is present, investigating 31 CERCLA sites, and removing the remaining USTs and ASTs. In FY96, the Homestead program was split between the Air Force Base Conversion Agency (AFBCA) (BRAC) and the Air Force Reserve Command (DERP). The installation transferred 40 acres to the U.S. Department of Labor. The cleanup of a significant portion of Parcel 6 allowed 84 acres to be transferred by deed to a local agency (the Homeless Trust). In FY97, the AFBCA completed Removal Actions at seven OUs.

The BRAC cleanup team (BCT) holds monthly review meetings. A Restoration Advisory Board (RAB) formed in FY94 and was chartered in FY96. The installation and EPA held a joint training session for RAB members on the Relative Risk Site Evaluation process.

## FY98 Restoration Progress

The transfer of 214 acres to the Department of Interior was completed, with the property being provided to the Miami-Dade County Department of Parks and Recreation.

Remedial Actions (RAs) continue, and remedial bioventing systems were installed at three former fuel sites. This technology will result in significant cost savings, while meeting cleanup standards. A 250,000-square-foot bioventing system was designed and installed at six former JP-4 fuel pumphouse sites.

A Record of Decision (ROD) was signed and the Remedial Action Work Plan was approved for OU2. A corrective action plan was completed for Site SS-15A. RIs/FSs were completed for OUs 18, 22, 26, 28, and 29. RIs were completed for OUs 20/21, 30, and 31. A Proposed Plan was completed for five OUs. The BCT continued on-board review of documents.

## Plan of Action

- Complete the RODs for OUs 18, 22, 26, 28, and 29 in FY99
- Start RAs at OUs 18, 26, 28, and 29 in FY99
- Complete RA at OU2 in FY99
- Complete Remedial Action Plan for fuel site SS-15A in FY99
- Complete RI for OU11 in FY99
- Complete the finding of suitability to transfer (FOST) for Parcels 13 and 14 to Miami-Dade County

## SITES ACHIEVING RIP OR RC PER FISCAL YEAR

